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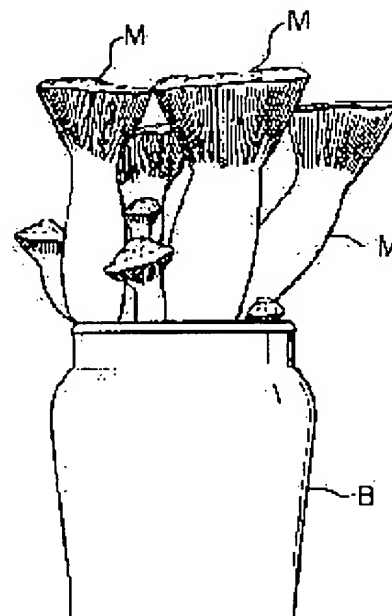
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(54) NEW STRAIN AND ITS PRODUCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a new high-quality strain of *Pleurotus eryngii* markedly reduced in blighted phenomena, and enabling the culture cycle of its own to be shortened, by hybridization between each specific 1st and 2nd *Pleurotus eryngii* so as to have incompatibility factor A1B1A3B3 or the like.

SOLUTION: This new strain is obtained by hybridization between 1st *Pleurotus eryngii* (FERM P-15292) containing < 20 wt.% of trehalose on a dry basis and having incompatibility factor A1B1A2B2 and 2nd *Pleurotus eryngii* (FERM P-15293) containing ≥ 20 wt.% of trehalose on a dry basis and having incompatibility factor A13B13A4B4 so as to have either one of the following incompatibility factors: A1B1A3B3, A1B1A3B4, A1B1A4B3, A1B1A4B4, A1B2A3B3, A1B2AeB4, A1B2A4B3, A1B2A4B4, A2B1A3B3, and the like. By the way, the new strain having incompatibility factor A1B2A4B4 has been deposited as FERM P-15267.



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